~~XIV~~

1950-51 **File No.** 2004/36

A CLASS

P.W. DEPARTMENT
N. BRANCH (i)

Subject:— Hydro Electric Project "Gersappa Falls" proposed by the Mysore Govt

The Jog Karnatak Electric Grid scheme— Estimates for survey.

FILE NO

N. Br. (1)

File No. 2004/36 — ~~XIV~~

Std. Book Slip 24-B

No. 2403, dated 22-6-23]

Std. Sectt. 78 e.

DOCKET SHEET

Subject:—

Representation of Cancelled MLAs.

File No. 2024/36/2951

P W. **DEPT.**

R. **BRANCH.** (I)

References:—

Date.	To whom sent.	Notes and instructions.

Office of the P.S. to H.M.,P.W.D.

1 H.M.P.W.D. met the Karnatak M.L.As on Saturday the 8th of April as per the latter's desire.

2. Mr. Hukkerikar apprised the H.M. about the general discontent prevailing among the Karnatak public and requested the H.M. to show more speed in accomplishing certain projects. He referred mainly to jog electric power and Neersagar water supply to Dharwar and Hubli Towns.

3 H.M.P.W.D. explained at length as to how the delay was caused. Every time the delay, he said, can not be attributed to Department. So many factors are beyond the control of the Department. Taking into consideration those factors and circumstances the progress made was not slow, he said.

4 The members were satisfied to know that matters with regard to jog electricity power and neersagar water supply were progressing well, recently.

5 The members wanted to know the following points about Jog Power:-

1) Whether survey with regard to laying down the main lines has been made or not.

2) Whether wooden poles instead of iron poles would serve the purpose. It was learnt in that connection that wooden poles were used in Mysore.

3) Whether low tensioned lines could not have been laid earlier over a short distance from Harikar to Haveri and Gadag in the first instance. If this was done, it was pointed out by the M.L.As, that Karnatak public would not.....

not have felt so much dissatisfied.

The information about the above points may please be collected.

(II) 6 About the Neersagar Water Supply Scheme H.M. told the M.L.As that the Department has decided to do the work of constructing the dam etc. departmentally and no more delay hereafter would be caused on account of again calling tenders etc. M B

(III) 7 Mr. Shastri from Kanara district raised the question of Herur Bridge over Aghnashini river in Siddapur Taluka. He complained that inspite of clamouring for early construction of the bridge, nothing happened. H.M.P.W.D. wants to know the position..

8 Mr. Shastri then requested the H.M. to strengthen the Gersappa-Mavingundi Road. No improvement was made by a small provision made last year. In the days of cart traffic, he said, the road was important, but unfortunately it is now lying in the most neglected condition. C B(I) C B(II)

9 H.M. told, as a matter of general policy he would not agree to spending large amounts on roads and buildings at this stage, unless for urgent considerations. H.M. wants to know the position of the road. C B

10 Mr. Shastri made a general suggestion to the effect that in every district a body of experts to supervise and suggest ways and means be appointed. The creation of this sort of organisation, he said, would bring about more coordination from the public, would check misuse of funds and expedite progress.

H.M. appreciated the idea but doubted its practicability.

A.....

11 A suggestion was made by Mr.M.F.Shah that a cement slab over an otherwise weak culvert, unfit for heavy traffic, can sustain a weight upto fifty tons or more and the road thus can be made trafficable for heavy loads.

12 Mr.Shastri and others raised an objection to the policy of pulling down building lying within the margin of 80 ft. on either sides of the road. It is one thing to prevent new construction and another to demolish the existing constructions. P.M. said that wherever old buildings come to be demolished with the 80' limit, it would not be proper to allow the buildings to be reconstructed within that line.

13 With regards to minor irrigation works all the Karnatak M.L.As express dissatisfaction about the condition of local contribution. They suggested levying of cess after the cultivation of such lands as are covered by irrigation. P.M. said that in view of many facilities available such as the getting of Tagai loans, contribution by way of labour, etc, it may not be so difficult.

14 Mr. Dalwai from Belgaum wanted to know whether repairs to Kohalli or Hirehalli tank which is estimated to cost about 10 lacs and which is supposed to be big enough to irrigate an area of five thousand acres of land, could be made out of these funds received from Union Government. H.M. was afraid that anywork costing more than fifty thousand rupees or a lakh of rupees might not come under the scheme. The case of the above tank may be inquired with specific reference to the above remarks.

15 The Belgaum members wanted to know the exact position of Gokak electricity supply scheme....

scheme. When that place would get electricity ?

The necessary information on the above questions may please be collected and supplied.

Ambrabhan 12/4

P.S. to H.M.,P.W.D.

~~P.S. to~~ H.M.,P.W.D.

For very early remarks

Re: Electrification Report in Part Two

R. M. Prabhakar's note attached Re:

Letter from Hon'ble Ministers for

Karnataka-

12/4

To

+ 100 cc.

Copies of this note given to :

M.B. 19/4/50

C.B.(I) 20-4-50

C.B.(II) 20/4/50

W.B. 20-4-50

G.B.(I). 19/4/50.

for necessary action with reference to the following paras of this note respectively:-

Para 6 (M.B)

Paras 7 to 11 (C.B.I & II

Para 12. (W.B., C.B.II.

Paras 13 & 14 (G.B.I)

9/4/50

E.L.B.(C) 14/4

D. 2004/36 29517

C.B.(I) 13/4

Typing slip

5 copies of this note

18/4/50

~~II~~ 1216 5

24/4

2004/36

29517

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 13688
24/4

El. Br (I)

P.W.D.

Copies of the note have been
given to the Brs concerned for
necessary action with reference to
paras 6 to 14 of the note. Other Br
is concerned with paras 5 & 15 of
the note.

2. The Elect Comm may be
requested w.o. to furnish information
with reference to points raised in
para 5 and para 15.

~~BZ~~
21/4/50

(15 & 52)

K 21/4/50

w.o. to Elect Comm. Sgd. 4-50

BS
w.o.

Below U.O.R.P.W.D.No.2004/36/29517 dated 12-4-1950.

****

ELECTRIC GRID OFFICES.

The information regarding the points raised in paras 5 and 15 of the above reference are as follows:-

Para 5:

Survey work for transmission lines has been given out on contract and is progressing.

Steel towers are proposed to be used for the main 110 kV lines and steel, R.C.C. or treated wood (if available) poles for 33 and 11 kV lines. Mysore has used special type of Balgi teak wood poles for their E.H.T. lines in the past. But their new Jog-Bhadravati - Bangalore line is on steel towers. There is not likely to be sufficient supply of straight and long wood poles of requisite quality available in the Bombay forests for the E.H.T. lines. Adoption of treated wood poles for 33 and 11 kV lines will be considered.

Supply at 33 and 11 kV from Harihar to Ranibennur, Byadgi and Haveri will be arranged earlier than the supply at 110 kV from Jog to Hubli and Dandeli. However, supply from Mysore Govt. at Harihar will be at 66 kV and therefore 66 kV transformers and switchgear have to be procured from outside India. The delivery from U.K. is about 24 months ex-works after securing the import licence. Hence the supply from Harihar can be advanced only by about 9 months over the supply from Jog. Supply at low tension suggested in the note is not feasible on account of the long length of the lines between the towns.

Para 15:

Diesel Electric Power plant for supplying Electricity to Gokak has been ordered out and is expected to arrive early in 1952. A construction party has left for fixing pole positions in Gokak and other towns of Belgaum District included in the Nursery Schemes. According to the programme of work the supply to Gokak is expected to be early in 1953.

P734. 5-5-50.

2004/36
35988

To
The Secretary to Government,
Public Works Department, Bombay.

U.O.R.No.T8/1/ 9516
Bombay 1: 5th May 1950.

I.4.5.

El. Br (I).

P.W.D.

The information furnished by the Elect. Engr. overleaf is submitted with reference to para 5 & 15 of the note of the P.S. to the H.M., P.W.D. of the 12-4-50.

5 - Jog Power
15 - Yenna Elec. Supply

2. Reg para 5 it is further noted that the Elect. Engr. has recently reported that the supply from Haribar may be expected to be commenced by June 1953 & the supply from Jog by March 1954.

3. Necessary action with reference to other points in the note of the P.S. is being taken by the Br. concerned who have been furnished with copies of the note in question.

9/5/50

9/5/50

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9

No.TB/9 10784
Electric Grid Offices,
Foreshore Road,
Bombay,1: 18th May,1950.

To

The Chief Electrical Engineer,
Government of Mysore,
Banglore.

Subject:- Power supply to Bombay Government from Jog and Haribar.

Dear Sir,

I invite reference to your No.19919 of 7th November last in which you advised me that a duplicate feeder arrangement has been provided for power supply to Bombay-Karnatak. Subsequently in your letter No.39269 of 21st February 1950 you referred to only one bay for the Bombay line. In the course of discussion with Shri V.R. Vaidya, Superintending Engineer(Transmission) of this Department at Jog, you informed him that only one bay was proposed to be reserved for Bombay supply at Jog.

In this connection I like to draw your attention to the fact that although the quantum of power promised from the Jog power station to Bombay is at present only 10,000 KW it has been agreed in Inter-State conference between the Hon'ble Ministers held in February 1949, that as soon as the capacity of the Jog Power Station is increased consideration would be given to making larger quantum of power available to Bombay. In the light of this assurance this Department is arranging for the construction of a double circuit 110 KV line to Hubli, although in view of the small power promised at present only one circuit will be strung. I would request you to kindly see that no commitment is made now which will prevent that assurance being implemented.

I also take the opportunity of stating that the Government of Bombay have under consideration the development of Kalinadi Hydro Electric Project and it would then be in the interest of both Governments to have a link of sufficient capacity for either system to be of assistance to the other. For this reason also the duplicate bay arrangement originally contemplated for Bombay may please be retained.

OFFICE OF THE
ELECTRICAL COMMISSIONER
TO GOVERNMENT OF BOMBAY
Card No.

Yours faithfully,

P Bhadwar

Electrical Commissioner
with the Government of Bombay.

Copy forwarded with compliments to Secretary to Government P.W.D. for information.

SDK/17.5.

~~3~~ 11 2004/36

4.0265

~~2~~ L. Br (I). F.W.D.

Submitted for information:

2. The reply of the C.E.E of the Govt of Mysore may be awaited.

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Amount (~~25-6-50~~)

~~24/5~~

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~~Sd/-~~ Sd/- M. [illegible]

21/7

2004/36/40265

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EL. Br. (I)

P.W.D

Resubmitted with ref. to the Q.N., overleaf.

2. The papers may be referred u.o. to the Elect. Commr. with the Govt. of Bombay, with a request to state how the matter stands.

29.7.50.

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Elect Commr 1.8.50

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SE/A

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13

Letter No.9742 dated 22nd May 1950 from the Chief Electrical Engineer to the Govt. of Mysore, Bangalore, to the Electrical Commissioner with the Govt. of Bombay, Electric Grid Offices, Foreshore Road, Bomba

.....

Subject:- Power supply to Bombay Government from Jog and Harihar.

With reference to your letter No.T.8/9/10784 dated 18th May 1950 on the above subject, I wish to inform you that it is true that I informed Mr. V.R.Vaidya, Superintending Engineer(Transmission) of your Department that one bay with the necessary Oil Circuit Breaker etc., was proposed to be reserved for Bombay supply at Jog. This statement of mine was based on the fact that the quantum of power promised from Jog Power Station for Bombay at present is only 10,000 kW. I also learn that even though you are arranging for the construction of a double circuit 110 kV line to Hubli, you are stringing only one circuit for the present. Obviously to arrange power supply on a single circuit only equipment installed in one bay at Jog is required and would meet with your requirements.

With regard to the promise made at the Inter-State Conference between the Hon'ble Ministers held in February 1949 for considering request for increased quantum of power supply being made available to Bombay, I have to state that this can be made available only when the next power station is constructed. If such allotment is made, necessary number of bays to make the additional power available will be provided for in the Out-door structure of the new station. Hence you will kindly see that there is no necessity to reserve two bays in the present station for feeding the single circuit to be constructed by you and to meet the demand of 10,000 kW. now promised to be made available.

With regard to the development of Kalinadi Hydro-Electric Project of the Bombay Government, we can certainly consider the proposition of having a line between our system and the Bombay system when your scheme matures.

Inasmuch as power in excess of 10,000 kW, cannot be made available from the present station, you will agree that reservation of one bay in the present out-door structure is adequate.

" C O P Y"

Sd/- X X X

for Chief Elecl. Engineer.

C/-
1/8/50.

Letter.

No.T.8/9/ 18058
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 3rd August, 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:- Power supply to Bombay Government from Jog and Harihar.

In continuation of the copy of my letter No.T.8/9/10784 dated 18-5-50, addressed to the Chief Electrical Engineer of Mysore Government forwarded to you for information, I enclose herewith a copy of the reply received from him. It may be noted that originally two 110 kV bays were reserved for Bombay Government, but the Chief Electrical Engineer, Mysore Government, has now stated that since only 10,000 kW are promised by Mysore Government and since we are stringing only one circuit for the present, one bay would meet our requirements. This ~~xx~~ is so for the present. But we have proposed a double circuit line with only one circuit being strung for the present, with the object that any further quantun of power that may be supplied by Mysore Government later, could be transmitted with the least additional cost and also that when Kalinadi Scheme is developed, a firm link between the Bombay and Mysore Systems may be established. The Chief Elec. Engineer, Mysore ~~Government~~ is agreeable to consider the latter at the appropriate time as per his letter enclosed. This is for the information of Government.

P. Bhadwar.
Electrical Commissioner
with the Government of Bombay.

Encl:- 1 copy of letter No.9742 of 22-5-50 from the Chief Electl. Engineer to Mysore Government.

C/-
2/8/50.

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El. Br. (E)

P.W.D

Submitted.

2. The main file no. 2004/36/40265, containing the elect. Comm.'s previous letter, has been referred u.o. to that officer, on the 1-8-50. Its return may be awaited.

12.8.50.

— TT 19

Below, U.O.R., P.W.D., No.2004/36/10265 dated 1-8-50.

.....

Electric Grid Offices.

The reply received from the Chief Electrical Engineer to the Government of ~~Madras~~ Mysore has been forward to Government under this office letter No.T.8/9/18058 dated 3-8-50.

PRA. 12/8/50

Secy. to Govt.,
P.W.D., Bombay.

U.O.R.No.T.8/9/ 19058
Bombay, 14th August, 1950.

EC(a) 148

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RSC/-
10/8/50.

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2004/36

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El. Br. (I) P.W.D

Submitted with ref. to the O.N., dt. the 12.8.50.

2. The main file has since been received & arranged within. In view of the Elect. Commr.'s remarks in his letter at P. 1 ante, no action is called for

Record.

16.8.50.

17/8/50

No. 8431/15653-G,
Eduction and Industries Dep...,
Bombay Castle. 17th September, 1948.

From

The Under Secretary to the Government of Bombay,
Education and Industries Department.

To

M/s. Singhi Sons, Limited,
(Camp) 191, VI Cross Road,
Gandhinagar, Bangalore City.

Subject:- I n d u s t y.

Manufacture of Aluminium with Bauxite in Bombay Province

Gentlemen,

I am directed to refer to your letter dated 8th May, 1948, on the subject mentioned above, and to state that the matter was discussed with your representative Mr. R. Vyas Rao on 14th May, 1948. It was represented that the Company, required assistance from the Government of Bombay in the form of an assured supply of electric to the extent of 25000 KW. at not more than 0-16 anna per unit. I am to state that Jog Power can be supplied to you at an average rate of 0-25 anna per unit in about four or five years' time provided your factory is located near Dandeli or Hubli. In this connection, I am to point out that if the proposed factory is located at the said places, the transport charges for bauxite or aluminium to the factory premises will be considerably less than if it is located in the Jog area. This difference would approximately be equivalent to electricity charges of the order of 0-07½ anna per unit at Dandeli and 0.05 anna per unit at Karad, which if deducted from the average rate of 0-25 anna per unit, will be equal to 0-179 a per unit. Consequently it would be economical for you to locate the factory at either of the places in this Province. In the circumstances I am to request you to let this Government know your decision in the matter.

Yours faithfully,

Orders issued after consultation with the P.W. Department. Notes remain with this Department; same can be seen when required.

N. B. Rao Rosai

Under Secretary to the Government of Bombay
Education and Industries Department.

Copy forwarded to the Public Works Department for information.

MS/17-9.

3 25 2004/36

51994

El. Br. P. W. D.

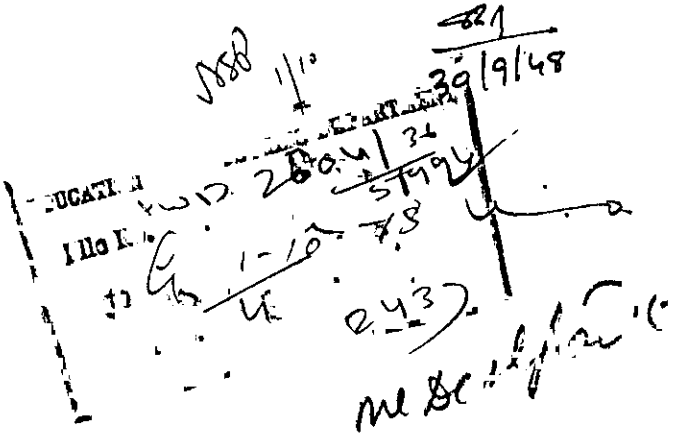
Submitted

2. The E. O. Debit may first be requested to send the proceedings underlying that Debit letter under disposal

30/9/48

30/9/48

to E. O. Debit of 1-10-48



E. & I.D. 26

E. & I.D. file 8431/30649-G. regd. by the P.W.D. is a current file and therefore it cannot be sent to the Legal Deptt. at this stage. The P.W.D. may see our file informally in office if so desired by it. Thereafter may be returned no. by the P.W.D. with the above remarks

Gaf
18.10.48.
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19.10.48

U.S.II

Ul
Ul return no?
Dealt
19.10.48

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Ul return no?
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19.10.48

P. W. D.
File No. 2004/36.
Serial No. 58282

El. 23/10

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Ul 21/10/48

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Ql Be

P.W.D

These papers may be rtd. back to the E & I.D with a request to state whether that Deptt. file desd. thro on p ante, can now be spared & if so to send it along with these papers.

(5 12 48)

17/11/48

17/11/48

18/11/48.

E & I. Deptt dt 19-11-48

EDUCATION & INDUSTRIES DEPARTMENT
File No. P.W.D. 2004/36/58282
Date 19-11-48
Serial No. 2857

6 28

E & I D

E & I D file no. 8431 may be sent u.o. to the P.W.D. As it is a current file the P.W.D. may be requested u.o. to to return the file at a very early date.

8/9/3/12/48.

4/12/48

× put up to

5/12/12

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F.S.

put up to P.W.D. (with file no. 8431)

8/12/48

put up to P.W.D. (with file no. 8431)

8/12/48

729 2004/36 — 68624.

El. Br. P.W.D.

The E.E. in his E.O. Debit on p 1 ante is submitted for information. He gives an assurance to Messrs Singhi Sons that jog power can be supplied to them at an average rate of 0.25 anna per unit in about four or five years time provided their factory is located near Dandeli or Hubli. From the E.O. Debit file No. 8431 + containing the proceedings underlying this letter it will be seen that the above assurance is based on the report of the El. Commr & which was not shown to this Debit but/supplied to us as given with the advice of the H.M. P.W.D.

+ Slip A

< DO — M.13-14 of notes sent in

2. From the El. Commr's report it will be seen that the intention is to supply jog power to start mills and lateri on kaliandi power when that

r. DO — p 15 of Notes sent in. Ti —

(Pa a. li)

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scheme is developed

3 Govt has since decided that the Kalmadi scheme should be dropped for the present and negotiations should be opened with the Govt of Mysore for the supply of power from Jog power house to Haribar for distribution in Byadgi-Haveri area. It is not at present intended to supply that power to Hubli area.

4. In case Messrs Singhi sons decide to locate their factory near Hubli or Dandeli, as desired by Govt. the question of supply of Jog power to them will have to be considered. This may be done when the reply of Messrs Singhi sons is received in G.L. on P.1 ante. In the meanwhile a copy of the G.L. may be endorsed to the Dl. comm. for information. and the E.O.9.D may be advised to consult this Deptt before any further action is taken on the reply of Messrs

† File No 2.

†. Other decn has since been revoked & the negotn are to be carried out for supply to Hubli area.
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21/1/65

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Singhi sons when read

28/1/48

P.S.

Secy (I) Since Govt have decided to drop the Kali nadi Scheme and as Mysore Govt is only agreeing at the moment to supply 5000 Kws at Haritwar & another 5000 HP or 3750 Kws at Jog, it would be impossible to meet the demand of Messrs Singhi Sons Ltd from either Jog power. The Koyna Power will not be ready till 1953 or 1954. This aspect should be kept in view, if further negotiations are carried out for the location of this industry

30/12/48

Secy (I) 30/12/48 Secy E & I.D. It would be much better to make the Company wise about the altered situation straightaway.

A If P.M. agree, orders of Govt will be taken to this effect. It is presumed P.M. do not want to ~~know the Cos~~ Consult the El Comm now

30.12.48

See P.M. (I).

31/12

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TO '52

El. Br. P.W.D.

Submitted with reference to the Secy, E & D's note overleaf.

2. The El Commr may see the papers n.o. for remarks before Govt orders are taken as suggested by the Secy, E & D.

3/1/49

3/1

D.S
Secy (I)
I.C.D

Secy I

3/1/49

Secy to C.D. 4/1/49

4.1.49

C.E. I n.

V. urgent.
n.o. to El. Commr, &
+ with E & D. file No. 8431.

T/ 3/1)
3/1

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 3064
Date 4-1-49

Below P.W.D., U.O.R. No. 2004/36/68624 dated 4.1.1949.

On another file of the P.W.D. No. 2004/36 (in my U.O.R. No. HZ.6/366 of 6.1.1949), I have given my remarks about the negotiations to be carried out with the Mysore Government for Power supply from Jog Power House.

The aluminum industry mentioned in this file is not likely to require all the 25,000 KW from the date the plant starts operating. It will probably require about 5,000 KW in the beginning and steadil build up its load to the maximum development.

Depending upon the amount of Power that the Government of Mysore will make available to the Government of Bombay and its rate, it may be possible to supply about 5,000 KW to this industry at the rate mention in Education and Industries Department letter No. 8431/15653-G of 17.9.1948 addressed to Messrs. Singhi Sons Ltd., if the plant is located at or around Dandeli and or Hubli if Government decides to distribute Jog Power in the Karnatak area (vide this office U.O.R Elg.296-B/14379 of 27.8.1948).

I am of the opinion that the disposal of this case may be held up until our negotiations with the Government of Mysore, about the quantity of Power available and its rate, are concluded.

.....

Secretary to Government
Public Works Department.

+U.O.R. No. Elg.296(B)/ 988
Dated 16 January, 1949.

+ with E+T.D. file No: 8431

MTB/14.1

2004/36
4192

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El. Br. P.W.D.

Submitted with reference to the Secy E/P.W.D's note, dt the 30-12-48.

2. The H. Commr is of opinion that the disposal of this case may be held up until negotiations with the Govt of Mysore about the quantity of power available & its rate, are concluded. H.M. P.W.D & H.M. agri, accompanied by Mr H. Commr, will go to Bangalore for there negotiations on the 10th Feby 1949 & the H.M. have a table of the Govt of Mysore has been worked yesterday to see whether this date suits him.

A

3. The H. Commr is obliged at the above may be accepted. There papers will be kept up to the H.M., along with the main case when he goes to Bangalore. In the meanwhile they may be submitted to him for information. Secy, E/P.W.D., may also see them.

21/1/49

P. W. D.
2004/36
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El Br
17-1-49

W S

21/1/49

~~43 - 45~~ 2004/36

4192

Secy (I) 21/1/49

Secy E & I Deptt 22.1.49

H.M. P.W.D. 22.1.49

Deptt Circle
21/1/49

Stores Supdt/Incl

37

Subject: Supply of electric power for Aluminium industries.

Electric Grid Offices

The Education & Industries Department file No.8431 and P.W.D.Secretariat file No.2004/36/4192, were sent to me in connection with negotiations for Jog Power at Bangalore. The representatives of Messrs.Singhi Sons Ltd., saw H.M.,P.W.D., in Bangalore on the 10th inst.. They were desired by H.M.,P.W.D. to address Government stating their minimum requirements of power they will require to start with and subsequent years, and when they expected to be in a position to use Jog power.

2. It will be noted that the total power which Mysore Government is willing to make available off Jog busbars, is 10,000 kW. Allowing for the losses of transmission and the net power available in the Hubli area, ~~the rest of the quantum of power~~ will be of the order of 8700 kW. I feel that we are not likely to get much additional power from Mysore. In view of this, unless Government decide that, as a matter of policy, the power now agreed to be supplied by Mysore Government should be made available to new industries in preference to the existing ones, there would not seem much chance or supply of adequate quantum of power to the proposed aluminium industries at this stage. I think, however, that the question should be kept pending till we hear from M/s.Singhi Sons Ltd, as indicated in para 1 above. It may be possible that they will be agreeable ~~to take~~ to take relatively small quantum of power from Jog and be willing to wait for additional power when it becomes available from Kalinadi.

To
The Secy.to Govt.,
P.W.D., Bombay.

U.O.R.No.Elg.296(b)/2712,
15th February 1949.

PBA/k.15.2.

2004/36
11084.

Sl. Br. P.W.D.

Submitted

2. There matters deal with the question of subsidy & duty powers to Messrs Singhi Bros & Steel for the manufacture of aluminium with bauxite in the Bihar province. In view of the Sl. comm's remarks overleaf the question may be kept pending till Govt hears further from the firm regd their minimum requirements and the alternative date when they will want it.

18/2/49.

18/2/49

Secy (C)

19/2/49

Secy (E&D)

16/2

Secy (E&D Deptt)

for Secy

8/2.

Sup A. Sec

8/2/2

P. W. D.
File No. 2004/36
Serial No. 11084

H.M.P.W.D.

21/2

The E&D file 8431 is placed below. The El Comm in his 20th dated 26/8/48 had held out hope of supply for the aluminium feeling - apparently via the light.

2004/36 1)

of the latest position, the position of supplying power has receded. Now is no objection to waiting for a further move from higher ups

22/2/49

Sec Pwd (1) 23.2.49

HM (Ind) 24 2

HM (For Affrs) 28/2/49

HM (Pwd)

2/3/49

4/3

El Br
23/2/49

23/2/49

Mee. 3/3/49

El. Br.

PWD

These papers may now be returned to the E & D. with a request to retain its file No 8431. and to return them to this Deptt after keeping copies of the notes within 7 days for its record.

7/3/49

EDUCATION & INDUSTRIES DEPARTMENT
Pwd. 2004/36 11087
E. & D. Deptt dt 8-3-49

643

PTO

2004/52
21205 Ex D Delhi

Seen & returned w.r. to Ph.D. after keeping copies of pp 9-10 ante for record in Irr. Delhi file No. 842/1 Ex (Vol V)

Sd.
10/6/50

NSB
22/3/49

Wor to P.W.D. dt 24/3/49.

21/3/49

Pl. Br. P.W.D.

Await.

29/3/49 29/3/49.

Ante p 16 ante A

AAS

P. W. D. 2004/36 21205

Pl. Br. (1) P.W.D.

Resubmitted.

2. These papers may now be sent w.a. to the Dev. Delhi with a request to state whether any communication with reference to 'A' on p 15 ante was sent in that Delhi & if so, what is the present position.

3. It may incidentally be noted in this connection that the proposals of the El. Commr. Delhi recently cleared by us provides suitably for a power of 3000 kW for aluminium plant at Jandeli - vide e.l. no 2004/36/E (Ex) dt. 11-4-50 - copy endorsed to the Dev. Delhi

10/6/50.

Sd/- 12/6/50.

Dy. D.

Bo/3

Await further (10 6)

DEVELOPMENT DEPARTMENT
File No. P.W.D. 2004/36
Date 14 JUN 1950
Ft 2870

to Dev. Delhi & 14-6-50

'11 Development Deptt

Please see the P.W.D. note dated the 12.6.50.

2. In this connection attention is invited to the proceedings contained in the file put up below as case no. II ante. Vide D.O. letter dated the 6th Feb. 1950, Secy. to Govt. of India to the 22nd March 1950 and that Deptt. letter no. 3911, 489 dated the 26th April 1950. The Co's power requirements would be Rs. 20,000 kws out of which they expect 15,000 kws from the Mysore Govt. for the Shimsha Reduction unit. Thus they expect 5,000 kws at Dandeli from this Govt. for their refinery plant and additional 15,000 kws. at Dandeli for the second stage when they propose to install reduction unit at Dandeli also. We have, however, informed Sh. S.K. Singhi Advocate through Shri Iyer Revenue Chief Attorney that Govt. expects that the actual requirements of the Co. may not be more than 3,000 kws. and have also assured them that the same would be made available to them vide this Deptt. letter of even no. dated 6.2.50 copy of which was also been endorsed to the P.W.D. and the Elec. Inspector.

3. These Mss may be returned to the P.W.D. with the above remarks.

A.
20/5/50

E1(1) 10/B

P. W. D.
File No. 2004/36
Serial No. 65129

4/8/50

Sent to P.W.D. 5/8/50

2004/36
65129

42

Ec. Br (I). P.W.D.

Submitted, with reference
to ~~G.O.~~ letter O.M. & dtd 10.6.52.
+ P.C.N.
2. In view of G.O. P.D. No 399/489A,
dtd 26-4-52, no further
action is necessary on these
papers Recd.

26/8/52

26/8/52

43

Electric Grid Offices.

H.M.P.W.D. told me the other day of his forthcoming visit to New Delhi. It was then thought that he might find time to arrange for the ~~highest~~ earliest possible favourable decisions on the following references which have been made by us to New Delhi :-

(1) Jog Karnatak Scheme :-

(i) Allocation of dollars for Substation Equipment.

After Government's decision to buy American equipment for sub-stations vide G.L. No.2004/36- E1(I) dated 6-7-50, I requested Govt. vide my No.T.8/12/16989 dated 25-7-1950 to obtain the required dollars from the Govt. of India. Subsequently I intimated to Govt. that 30th Sept.1950 was the last date upto which the tender of I.G.E. Co. was valid. I also sent to Govt. a revised dollar requirement for the sub-station equipment vide my letter No.T8/12/20342 dated 29-8-50.
It is observed from the recent U.O.R. in this connection, which I have already returned with my remarks, that the necessary letter for dollar requirements has not yet been issued to Govt. of India. As there are hardly about 10 days left for taking advantage of the I.G.E. Co.'s offer, it is necessary to get the sanction of dollars by high level personal discussions at New Delhi with the Ministries of Works, Mines and Power, and Finance and the D.G.I.S. I had a preliminary talk about this with Shri Ambegaonkar Secretary to Govt. of India, who deals with the questions of Foreign exchange in Finance Department, while he was in Bombay recently, he felt that it should not be difficult to provide the required dollars. Very urgent action is necessary.

Immediate remarks & action if necessary J/M A

21/9

A

(ii) Order with M/S I.G.E.Co.

I have sent the indent to D.G.I.S. for the Sub-station equipment for which dollars mentioned in (i) above are required and have asked him to place

the order on the I.G.E.Co. as per instructions of Govt. (vide my letter No.T.8/C-2/21100 dated 6-9-50 copy forwarded to Govt.). He has not taken any action on this, so far as he thinks that there is no substantial justification for buying their equipment because he considers that their delivery period may not fit in with the transmission line material delivery in this country. I have explained to Govt. how the delivery period offered by the I.G.E.Co. may be made to fit in with the delivery and erection of line materials as also the construction of Civil Engineering Works. (Ref. my u.o.r. Nos. T.8/12/10623 dated 16-5-50, T8/12/11551 dated 26-5-50 and my D.O. No.T.8/12/13260 dated 14-6-50). Govt. have considered the points made in these letters and issued orders for the purchase of I.G.E.Co.'s equipment and non-Indian towers and conductors (vide G.I. No.2004/36-El(I) dated 6-7-50) I have intimated our above decision to D.G.I.S. and have requested him to place the order with I.G.E.Co. before the 30th instant (vide my letter No.T.8/C-2/21883 dated 14-9-50 copy sent to Govt.). I have explained to him that it is possible to erect transmission lines in time to fit in with early deliveries of American plant if towers are imported. It is, however, desirable to contact personally the D.G.I.S. and settle this matter before the end of the current month.

(iii) Transmission line Materials.

I have sent the specifications for the 110 kV and 33 and 11 kV transmission line materials to D.G.I.S. for inviting tenders immediately (vide my letter No.T8/S-3/17290 dt. 27-7-50 and T8/S.4/18839 dated 11-8-1950 (Copies sent to Govt.) with reference to the 110 kV line materials he has replied on the 6th instant that he would be advertising for this demand. No action seems to have been taken so far regarding the 33 and 11 kV line materials. I have pointed out to D.G.I.S. that perhaps two months could have been saved if he had taken prompt action to invite tenders (vide my letter No.T.8/C-2/21883 dated 14-9-50 copy sent to Govt.). The D.G.I.S. appears to think of buying these materials in India. But the delivery periods

of these will not be suitable and the execution of the scheme will be delayed. The concerned Ministry of the Govt. of India should be informed o the urgency of completion of the scheme and hence the necessity of importin g transmission li e materials from countries which offer low enough deliveries that fit in with the deliveries of I.G.E. Co.

(2) Chola Power Station - Second Extension.

I wrote to the Director General of Industries and Supplies letter No.Elg. 414/16637 dated 20th July 1950 requesting permission to purchase non-Indian building structurals for the above scheme. I had a D.O.letter from Shri Jang Bir Singh, Deputy Director-General, stating that it will be difficult for him to justify the purchase of non-Indian structurals. He wanted particulars of the structurals required by us so that he can make an enquiry from the Controller of Steel, Calcutta, if Indian structurals can be had in time. Our experience for Utran and other schemes has been extremely disappointing. We want to place this order with the same party with whom we are placing other Chola orders. We are arranging for delivery to be guaranteed under penalty. Delivery of this material will be in step with the delivery of the boiler and turbo plant. The value of the structurals is about Rs. 7 lakhs. To this must be added about Rs.2.7 lakhs for railing, sheets, ladders, grid steel flooring,etc. to match with similar items in the existing building. Total value of these steel items is Rs. 9.7 lakhs F.O.R.Bombay.

It is important that we get the necessary permission for purchase of non-Indian structurals and connected materials from abroad as quickly as possible. A copy of my D.O. letter to Shri Jang Bir Singh No. Elg.414/22174 dated 19th September 50 is--

is attached.

H.M., .V.D.,
Bombay.

U.O.R.No. Elg.414/22276
Bombay 1: 20th September 1950.

Copy to the Secretary to Govt., Public Works Department,
Bombay.

Encl: 1 copy
T.R/19.9.50.

47

D.O.No. Elg.414/22174
Electric Grid Offices,
Foreshore Road,
Bombay 1. 19th September 1950.

My dear

I invite reference to your D.O.No. DDG.ENG:32(48) dated 17th August, 1950, in respect of the structural steel work for the Chola Power Station Second Extension and give below the necessary information as required.

I am enclosing herewith a copy of specification ~~mf~~ issued by Messrs Merz & McLellan for the steel work required for the purposes. This will give you the required information regarding the nature of materials required and will enable you to take up the matter further with Iron & Steel Controller.

As regards details of prices and other particulars the same are as under:-

1. Quantity ... 912 Tons approximately.
2. Price ... £ 58 per ton C.I.F.
   Rs. 840 per ton F.O.R. Bombay.
3. Total value of the material including railing, sheets, ladders, grid steel flooring etc., besides main structures to be imported - £ 65750 C.I.F. ... Rs. 9,70,000 F.O.R. Bombay.
4. Country of origin ... England.
5. The above price as compared with prices quoted for Indian steel structurals for our Utran Power Station worked out Rs. 57 to 97 per ton lower. Since then, however, the position has changed. From the information received from Messrs Alcock Ashdown & Co., Suppliers for our Utran Power Station steel work, it would seem ~~have indicated~~ that the current Indian steel structural price is about Rs. 90 per ton lower than the above mentioned price for foreign steel structurals.

This building will be an extension to the existing building, as such, the various steel sections to be used should be identical. This has been specified by the Consulting Engineers Messrs Merz & McLellan.

P.T.O.

Though the sections of steel structurals are not mentioned, it is likely that some of the sections may not be available in India. Under the circumstances it is advisable to get the structures from Messrs Redpath Brown, England, who are Contractors for the present extension by Railways. The delivery for foreign structurals quoted starts in 6 months and is completed in 10 months after placing the order. Messrs Redpath Brown have all the detailed drawings available which will require only slight modifications in certain respects and, therefore, the fabrication work will be much faster.

2. Our experience regarding procurement of steel structurals from India for Surat Power House and other Electric Grid Schemes has been very bad. In spite of the fact that the Iron & Steel Controller has fully co-operated in the procurement of steel, still the Suppliers ~~or~~ and Fabricators have under one pretext or other delayed the supplies. On Surat Power House the whole programme has been delayed ~~for~~ by at least one full year on account of delays directly connected with steel supplies. For Chola Power House, proposed Second Extension such delays will be disastrous as the deliveries and erection of Boiler and other Machines are guaranteed under penalty for handing over in operative condition in 24 months from the date of placing orders. If there is any delay in completion of local work, Government will become liable for idle staff and labour of machinery Contractors. But what is of far greater importance is that there will be delay in commissioning of the plant which is to relieve the present acute shortage of power in the Bombay area.

3. In view of above, I would greatly appreciate early approval of Government of India for importing structurals and other materials mentioned above costing about Rs. 9.7 lakhs from Messrs Redpath & Brown to ensure that the progress of the scheme costing about Rs. 3 crores will not be jeopardised on account of delays in steel structures.

P.T.O.

5-9-57

Early action will be greatly appreciated.

Yours

P734.
20/9/50

Shri Jang Bir Singh,
Deputy Director-General
of Industries & Supplies,
Ministry of Industry &
Supply, Govt. of India.
New Delhi

Encl: Copy of Specification.

KRV/19.9.50.

53 2064/36
77548

El. Br (I). P.W.D.

Submitted with reference to the Secy's orders on p 1 ante

2. Item (1) in the Secl commr's p 1 note: The file containing the draft letter to the Supdg. for allocation of the dollar requirements for the substation equipment (which was recd back from the Secl. commr on 18th evening) was returned on the 20th inst for reconciling certain discrepancies. It has been brought back from that Secr's office today & submitted separately with a proposal that the draft letter to the Supdg. may now issue. The dollar requirements are estimated to be about Rs 39.2 lakhs out of which a sum of Rs 11.5 lakhs will be required during the current year & the balance in 1951-52 The estimated cost of transmission line materials is as mentioned overleaf.

overleaf

T. 54

110. kV Transmission
line material — About Rs 34 Lakhs

33 & 11 kV. Transmission
line material — Rs 12.5 Lakhs.

Tdy. contd Sr

a

SR
22/9/50

3. Item (2) of the Elect. Commr's note.

The Elect. Commr's proposal to obtain the steel structurals in question from abroad was turned down by the Director General of Industries & Supplies. The Elect. Commr. therefore desired Govt to request the D.G. General to reconsider his decision. In views of the Elect. Commr's request the necy draft to the D.G. General and a draft D.O. to the H. M., Industries & Supplies, from the H. M., P.W.D., have been put up and are proposed to be issued in consultation with the Elect. Commr. The main papers containing the drafts have been refd. un. to the Elect. Comm on the 19-9-50. It has been informally ascertained from the Elect. Commr's office, that the tele on question is being returned today

a

GB
22/9/50.

Ministry

Hy
22/9/50

by

a note was not wanted M.
structurals, mm. which has been taken
separately

Hy
22/9/50

D.O.No. Elg.414/22174
Electric Grid Offices,
Foreshore Road,
Bombay 1. 19th September 1950.

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P.T.O.

Early action will be greatly appreciated.

Yours

P.T.O.
20/9/50.

Shri Jang Bir Singh,
Deputy Director-General
of Industries & Supplies,
Ministry of Industry &
Supply, Govt. of India.
New Delhi.

Encl: Copy of Specification.

KRN/19.9.50.

Para 61

Electric Grid Offices.

H.M.P.W.D. told me the other day of his forthcoming visit to New Delhi. It was then thought that he might find time to arrange for the ~~highest~~ earliest possible favourable decisions on the following references which have been made by us to New Delhi :-

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of----

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(2) Chola Power Station - Second Extension.

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It is important that we get the necessary permission for purchase of non-Indian structurals and connected materials from abroad as quickly as possible. A copy of my D.O. letter to Shri Jang Bir Singh No.Elg.414/22174 dated 19th September 50

is---

6 1/4

is attached.

P.W.A. 9/20-50

H.M.,P.W.D.,
Bombay.

U.O.R.No. El.44/22276
Bombay 1:20/11 September 1950.

Copy to the Secretary to Govt., Public Works Department,
Bombay.

Encl: 1 copy,
ISB/19.9.50

El. Br (E).

Recd.

5/10/50

P.W.D

21 (I)
-3/10

P. W. D.
File No. 2004/36
Serial No. 80684

Electric Grid Department

NOTE

Subject: Supply of Jog Power in Karnatak

I had forwarded our specifications for the substation equipment, switchgear, condense transformers, etc., to the Director-General of Industries and Supplies, New Delhi, for inviti tenders. I had also previously issued these specifications to some firms, who were also asked to forward their tenders to the Director-General of Industries & Supplies. The D.G.,I & S.'s recommendation is to place the whole order with the English Electric Co., their price at that time being the lowest, viz. Rs. 30.7 lakhs. Subsequently, the Company has communicated to us a slight increase, makin their price Rs. 30.8 lakhs. The final analysis thus shows that the lowest price combination will be that of (1) English Electri Co. (for transformers) and (2) the B.T.H. Co. (other equipment) - both of the U.K.. The total price of the equipment if ordered from these two firms is about Rs. 30,75,800/-. Both are first-class makers and their equipment is technically acceptable. The delivery period of transformers is 12 to 30 months and that of the other equipment is 12 to 30 months both ex-Works, from the date of availability of import licence.

2. The price quoted by an American concern namely the International General Electric Co., for their equipment is about Rs. 41.7 lakhs, F.O.

nearest/

nearest Railway Station. The tendered d[illegible]v- is 5 to 10 months ex-works. In other wo[illegible], the price is about Rs. 11/- lakhs higher, t the delivery period is substantially less. To the British price mentioned in the firs[illegible] para should be added about Rs. 5/- lakhs for additional cables and switchgear, which will be necessary because of the nature of the equipment quoted. The net differe[illegible] therefore, between the British and Ame[illegible] prices may be put down at about Rs. 6/- [illegible] By negotiations, the International Gener[illegible] Electric Co. has agreed to reduce the pric[illegible] by about Rs. 2.4 lakhs. The net difference in price is, therefore, Rs. 3.6 lakhs. When ordering the equipment from the International General Electric Co., some additional equip- ment worth about rupees one lakh has to be included. This will apply to the other supplies also; consequently, the net difference remains unaltered at about Rs. 3.6 lakhs. If equipment were to be purchased from the International General Electric Co., America, in order to take advantage of the short delivery period, it will be necessary for us to purchase steel towers, conductor and insulators of [redacted] or French manufacture. Our [redacted] that deliv[redacted]

is about six months. It is estimated that if no undue delay takes place in placin orders for the American equipment, and Italian or French steel towers, conductors and insulators, instead of the British equipment, Indian towers and conductors, the date of electric supply may be expected to be advanced by some 15 months.

3. Net price difference of Rs. 3.6 lakhs between the British offer (para.1) and the American one (para.2), is likely to be reduced to some extent by the probable increase in British prices under the Price Variation Clause. The American price is fixed. It will be noted that in all cases, payment has to be made by instalments during the course of manufacture. We will, therefore have to lay out our money without earning any return for a much longer period if we order the British equipment than if we do the American. Saving in interest charges on our investment on account of earlier completion some 15 months as well as the earlier [redacted] of the Scheme by the same [redacted] substantially to

the higher price paid for the American equipment. But the compelling argument in favour of the American equipment and non-Indian towers and conductors is that the people of Karnatak will get electric supply some 16 months earlier than otherwise.

4. The U.S. currency is a hard-one for India. Recently, the Government of India have directed that steel towers for electric transmission should be of Indian steel. Likewise, conductor is being manufactured in Travancore. However, the delivery of Indian towers and conductor is such that we will not be able to take advantage of the quicker delivery of the American equipment. We must, therefore, order foreign (French or Italian) towers and conductors and insulators. The Government of India have, it would appear from the newspaper reports, allowed the import of about 100,000 tons of foreign steel durin the current year. It has also come to my knowledge that in order to advance the date of electric supply the Govt. of Madras were allowed recently to import Italian towers. Same was the case in connection with the Nangal Hydro Electric Scheme. In view of the considerable advantage involved in advancing the date of electric supply in Karnatak by 16 months, the Govt. of Bombay have decided that the order for the sub-station equipment should be placed with the International General Electric Co. They have further decided that towers, conductors and insulators may be purchased from a foreign source, say Italian or French, provided the delivery can be had in 6 to 8 months. Our inquiries have shown that this is quite possible. In consonance with this decision, of Government, I have addressed the Director General of Industries and Supplies on the six-th of September requesting that the order for the substation equipment be placed with Messers. International General Electric Co. I have also addressed the Director General of Industries and supplies under cover of my letter dated 27th July last requesting--

requesting him to invite tenders for steel towers, conductor and insulators etc. In this letter, I have requested the Director General of Industries and Supplies to make it clear to the tenderers that the delivey of the material is required by the end of August 1951. In view of the delay that has taken place on the part of the Director General of Industries & Supplies to issue the tenders, the delivery period may have to be delayed by one or two months further. Our preliminary enquiries have shown that delivery around this time by French or Italian makers can be reasonably expected. A formal indent for the line material will be submitted to Director General of Industries and Supplies shortly. Meantime, there seems no objection to the tenders being invited at once. The Director General of Industries and Supplies may also kindly please at once the order for the sub-station equipment with the International General Electric Co. This is specially important as the last date of the validity of tender is 30th September 1950

P Bhadwar 25/9.
Electrical Commissioner
with the Govt.of Bombay.

Bombay,25th Sept.1950.

~~55~~ 75

D.O.No. T8/C-2/22796
Electric Grid Offices,
Foreshore Road,
Bombay 1: 25th September, 1950.

Subject :- Jog-Karnatak Scheme.

This ~~is~~ has reference to the telephonic conversation our H.H.P.W.D., Bombay, had with me from your office this day on the above subject. I now attach hereto a note detailing the reasons why it is desirable to order the substation equipment for the above scheme from the International General Electric Co. America, and also why it is desirable to invite immediately tenders for line material laying it down that the material must be delivered by August-September 1951. The specifications for this equipment were forwarded to you by me on the 27th of July last. Our information is that if line material is ordered either in France or in Italy, this delivery can be secured and thereby advantage taken of the relatively short delivery of the substation equipment promised by the ~~I~~ International General Electric Co.

2. This letter and the attached note will be delivered to you by my Superintending Engineer Mr. V.H.Vaidya, who is in charge of the scheme. He will bring the necessary files with him and will give any further information that may be required in amplification of my note. He has instructions to meet the Deputy Director-General of Industries & Supplies at 9-30 a.m. and yourself at 10 a.m. on the 26th instant. He will also be meeting the Central Electricity Commission and any other authority in this connection that you may desire.

Yours sincerely,
P.B.Advani
25/9

T.Shivshankar, Esqr., I.C.S.,
Director-General of Industries
& Supplies, Govt. of ~~Bombay~~ India,
New Delhi.

Encl: 1 note.

✓Copy forwarded with compliments to H.H.P.W.D. Bombay.

34-76

2. Copy with compliments to the Central Electricity Commission, New Delhi.

E.I. 5/10

P. W. D.
No. 2004/36
81488

~~3577~~ 2004/36.

80684 & 81488

~~Sl. Br (I).~~ P.W.D.

No action is necessary on Wb 19-22 & 33 communications. The matter has been dealt with by H.M. Record.

D.S

Kg 6/10/50.

FROM

P.D.Rampai, Po:HULEKAL, Sirsi, N.Kanara.

To

The Hon'ble Minister, Public Works Department,
Government of Bombay, BOMBAY.

Subject: Suggestions as regards the construction of new Roads and Electric line from Joga Power House to Hubli vai ~~Sirsi~~-Siddapur-Sirsi-Yellapur-Dandeli.

Sir,

I wish to give the following suggestions of mine for your kind consideration:

2 The Upper Ghat portion of North Kanara District is a hilly tract. It is a fact that there is no better roads (traffic) here, even to centre places from Bazaar places, though abundance of income to Government is got from this area. Seeing this, our Government has settled to construct better roads between such places in this part. So, though many of such schemes are carried on by this time in the connction, none of them are yet put into practice uptill now, I suppose, only due to scarcity of coolies here. If at all this is the case, may I suggest our Government to arrange for engaging Government Bull Dozers for the work? If it is arranged accordingly, I suppose the major portion of the work undertaken will be finished without delay and the work of the construction of the roads will be completed satisfactorily with a little man-power, within expected time.

3 It is supposed that our Government has settled for arranging Electricity from Joga Power House to Hubli vai Siddapur-Sirsi-Yellapur-Dandeli etc. It is also assumed that this Electric Line is to pass through populated area and also where there is better scope for Industrial purposes. In such circumstance, I wish to suggest our Government to instruct the concerned Authorities to take the line vai Hulekal on the way in Sirsi Taluka; because, the round about part of Hulekal is a thickly populated area of Sirsi Taluka and it is also expected that Iron Ores in abundance are found in Mensi Gudda which is 7-8 miles away from Hulekal and also Lime Stones which may be used while preparing Cement are found in Yana Gudda which is also at about 7-8 miles from Hulekal. If this Electric Line passes through this area, it will be convenient to use the Electric Current for the above said purposes in future. If it is arranged accordingly,

I am of opinion that it will help to flourish these Industries to a greater extent and many such Industries also will be started in short.

4 I hope that your Honour will consider deeply about the above two suggestions of mine and arrngge favourable in the connection.

Hulekal,
22/5/1950

Yours faithfully,
(illegible)

EI BrI & CBE
2/6.

P. W. D.
No. 2004/36
44529

Copy of letter returned for action so far as C&B(I) is concerned
Q
7/6/50.

El.Br.(1) 81 2004/36/44529

P.W.D.

Copy of the letter given to C.B.(I), with reference to para 2 thereof.

7/6/50

To SE B(I) vide 4.2

Shri L 8/6

1926
19/6

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 18030
19/6

2004/36/44529

El.Por.(1).

P.W.D

Submitted.

2 The papers may be referred to the Elect. Commr. with a request to offer remarks with reference to para 3 of the letter as desired by H.M.

15/6/80

to Elect Commr, dt 16.6.80

Below U.O.R.P.W.D.No.2004/36/44529 dated 16-6-1950

Electric Grid Offices.

The route of the 110 kV line has been fixed from Jog to Kavalvad via Sirsi, Kavalvad to Dandeli and Ka Kavalvad to Hubli from considerations of economy and o future development of the ~~Kanadi~~. Kalinadi

After the load survey of this area is carried out and if it is found economical, the rural load at Hulekal which is only about 8 miles from Sirsi may be supplied from the proposed Sirsi Sub-station.

Only a limited quantity of Power , viz.10,000kW at Jog and 1500 kW at Harihar is available to us frc the Mysore Government Station at Jog Falls. All thi has already been allocated as per proposals submitte by me under my letter No.T.8/3-23190 dated 10-1-50 an approved by Govt. in their letter No.2004/36-V-El(I) dated 11-5-50. No surplus power is, therefore, availabl for supply to large industries like Cement and Iron in Sirsi Taluka.

EBE 17.

P 31

4 7/50.

2004 | 36 | The Secretary to Govt.
Public Works Department,
Bombay.

Serial No. 54351 U.O.R.No.T.8/1/ 15023
Bombay : 1, 5 July 1950.

ISB/1.7.

2004/36/54351.

P. W. Deptt.

El.Br.(I).

Submitted with refce. to office note dated the 15-6-50.

2. Shri P.D.Rampai of Hulekal, Sirsi(North Kanara), has made following suggestions in his letter dated the 22-5-50.

(a) Govt. bull dozers should be used for the construction of new roads in the Upper Ghat portion of the North Kanara Dist.

and

(b) The distribution line of Jog power should be extended to Hulekal.

3. Action regarding (a) is being taken seperately.

4. Regarding (b) please see report of the Elecl. Commr. on P. 5 ante

5. Shri Rampai may be informed as per draft put up for approval.

Thro. C.B.(I).

6. In G.Endt. No S-92/C(I) of the 17-6-50, the SE., SC's report has been called re: 2(a) above. The report is awaited.

9 87 — 2004|36|74550

No.2004/36-El.(I). P. W. Deptt.,
B.C.(Bombay No.1),
11 ~~August~~ October 1950.

To

Shri P.D. Rampai.
P.O. Hulekal Sirsi,
North Kanara.

Subject: Suggestions regarding the construction of new Roads ~~to~~ and extension of distribution of Jog power to Hulekal.

.....

Dear Sir,

I am directed to refer to your letter dated the 22-5-50 to the address of H.M.,P.W.Deptt. on the above subject containing the following suggestions

(a) Govt. bull dozers should be used for the construction of new roads in the Upper Ghat portion of the North Kanara Dist.

and

(b) The distribution line of Jog power should be extended to Hulekal.

and to state as follows:-

2 The suggestion at (a) above is receiving attention of Govt. and a further communication will be made to you in due course. As regards (b) I am to state that the route of the 110 K.V. line has been fixed from Jog to Kavalvad via Sirsi, Kavalvad to Dandeli and Kavalvad to Hubli from considerations of economy and of future development of the Kalinadi. After the load survey of this area is carried out and if it is found economical, the rural load at Hulekal may be supplied from the proposed Sirsi Sub-Station. As only a limited quantity of power viz. 100,00 kW. at Jog and 1500 kW. at Harihar ~~is~~ has been made available to this Govt. from the Mysore Govt. Station at ~~and~~ Jog Falls, no surplus power is available for supply to large industries like Cement and Iron in Sirsi Taluka. (Here add footnote 'A' on p. 13 bot)

Yours faithfully,

Asstt. Secy. to Govt.

Copy

~~10~~ 88

Copy for information to the Elecl. Commr.
with the G.of B. with refce. ~~to~~ (the correspondence ending with P.'s 21392 his No.T.8/1/~~15023,~~

dated the ~~5-7-50~~.9-9-50

3/11/50
~~3/10/50~~
3/10/50

El. Br. (1)

2004/36/54351

P.W.D.

Resubmitted with reference to H.M's query dated the 10-8-50 P.7.

2. The file no 2004/36 V containing the proceedings of the conference held in connection with the Jog power is under w.r. to the A.E.E. Delhi, since 7-8-50. A copy of the proceedings is however available with the Elect. Commr. to whom these papers may be referred w.o. with a request to suggest a modified ref as desired by the H.M.

2968 3118

23842 30/8

urgent

w.o. to Elect Commr, to Chief Commr, 29.8.50

TB 91

Below U.O.R., P.W.D., 2004/36/54351 dated 29-8-50.

.....

Electric Grid Offices.

Mysore Government has not agreed to supply any more power than that mentioned in this office u.o.r. No.T.8/1/15023 dated 5-7-1950 from their Mahatma Gandhi Power Station at Jog and, therefore, no power will be available for large industries like ~~xxxx~~ cement and iron from that Power Station. However, if the River rapids below the Mahatma Gandhi Power Station ~~Xxxxx~~ are developed by Mysore Government, additional power is likely to be allotted to this Government, when it may be possible to supply power to the iron and cement industries.

The following sentence may, therefore, be added at the end of the draft letter to Shri. P.D. Rampai;-

"However, when the Mysore Government develops an additional Power Station on the Sharawati River, below the Mahatma Gandhi Power Station, and allots more power to this Government, question of power supply to these iron and cement industries will be considered".

P 731.
9/9/50.

Secy. to Govt.,
P.W.D., Bombay.

U.O.R. No.T.8/1/ 21392
Bombay, Dated 9- Septr., 1950.

RSC/-
7/9/50.

2004/36

El.Bra.(1) ~~15~~ 93 2004/36/74550

P.W.D.

Submitted with reference to H.M's minute p7 dated the 10-8-50 and the O.N. p11 following it.

2 The minutes of the conference held at Bangalore have since become available. They are at pp 129-135 of file no 2004/36-V. put up below. It will be seen therefrom that the Mysore Govt. has promised to consider the question of additional power than 10,000 K.W. if and when the second generating station at Jog is put into Commission. The draft on p. 9 ante may issue, with the additions suggested by the Elec. p13 Commr, if approved.

SLbA 2004/36/V i/p 129-35

11 2/10/50

Kfg 4/10/50

Seen

9 S 4/10 HM

11 4/10

Jm 4/10/50

hjd 11/10

No.2004/36-KI(I). Public Works Department,
Bombay Castle (Bombay No. 1).
11th October 1950.

From
The Assistant Secretary to the Government of Bombay,
Public Works Department.

To
Shri P.D.Rampai,
Post Office Hulekal Sirsi,
North Kanara.

Subject:-Suggestions regarding the construction of new Roads and extension of distribution of Jog power to Hulekal.

Dear Sir,

I am directed to refer to your letter dated the 22nd May 1950 to the address of Honourable Minister, Public Works Department on the above subject containing the followir suggestions

(a) Government bull dozers should be used for the construction of new roads in the Upper Ghat portion of the North Kanara District,

and

(b) The distribution line of Jog power should be extended to Hulekal

and to state as follows:-

2. The sugestions at (a) above is receiving attention of Government and further communication will be made to you in due course. As regards (b), I am to state that the route of the 110 KV. line has been fixed from Jog to Kavalvad via Sirsi, Kavalva to Dandeli and Kavalvad to Hubli from considerations of conomy and of future development of the Kalinadi. After th load survey of this area is carried out and if it is foundeconomical, the rural load at Hulekal may be supplied from te proposed Sirsi Sub-Station. As only a limited quantity o power viz. 10,000 kW. at Jog and 1500 kW. at Harihar has beemade available to this Government from the Mysore Governmt Station at Jog Falls, no surplus power is available for siply to large industries like Cement and Iron in Sirsi Taluk. However, when the Mysore Government develops an additial Power Station on the Sherawati River, below the Mahatma Gdhi Power Station, and allots more power to this Government,uestion of power supply to these iron and cement industries wl be considered.

Yours faithfully,

Assistant Secretary to the Government of Bombay.
Public Works Department.

Issued letter only 12/10/50

D.A:-Nil.

Copy for information to the Electrical Commissioner with the Government of Bom with reference to the correspondence ending with his No.T.8/21392 dated the 9th September 1950.

4
VA/11/10/50.

14/10

1 4

9b

To CB.(I) ⊢ retain a copy

of the letter overleaf with reference

⊢ (a) thereon.

16/10/50 Retained

[illegible]

?.

E1 BL[illegible]

+ 97

SRI J. B. MALLARADHYA, M.A.,
Commissioner of Economic Development & Planning in Mysore, &
Member-Secretary,
Central Malnad Planning Committee

TELEPHONE NOS. { OFFICE : 3020
RESIDENCE : 3068

ALI ASKER ROAD, CIVIL STATION,
Bangalore, dated 6-11-1950

No.C.M.P.C.59/D/50-51

TO

THE ELECTRICITY COMMISSIONER,
Government of Bombay, BOMBAY.

P.W. 7/11/50

Sir,

Subject:- Details of distribution of Electric Power to be supplied by Mysore in Hubli, Dharwar and North Kanara Districts.

I write to state that the Chief Electrical Engineer, Government of Mysore has informed me that the Government of Mysore has agreed to supply 10,000 K.W. of bulk power at the High Tension Busses at Jog to the Government of Bombay for distribution in Hubli, Dharwar and North Kanara Districts and that the details of the distribution of this power might be ascertained from you. The Central Malnad Planning Committee constituted by the Government of India to draw up comprehensive plans for the malnad areas situated in the States of Madras, Bombay, Mysore and Coorg would like to know the details of the places where the 10,000 K.W. power will be supplied to see to what extent the malnad areas in the State of Bombay would have the benefit of electric power supply in the immediate future.

I would, therefore, request you to be so good as to send me for reference of the Committee urgently two copies of the map showing the distribution power lines in the said Districts for the 10,000 K.W. bulk power to be supplied by the Government of Mysore as also a list in duplicate of towns and villages to which the power is proposed to be supplied.

Yours faithfully,

(SD). J.B.MALLARADHYA,

MEMBER-SECRETARY.

- 6 NOV 19

Seria

LKR/-6-11/4

P.T.O.

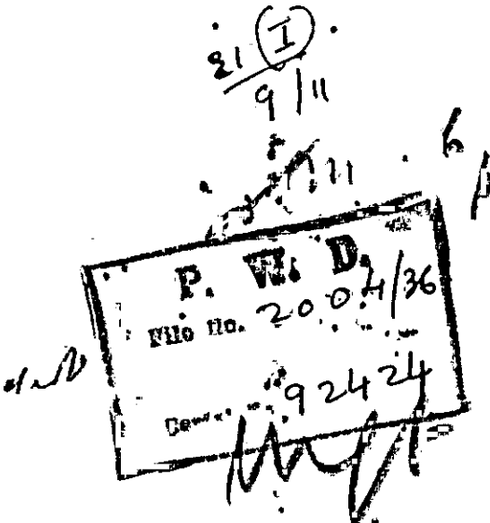
I 98

No.C.M.P.C.59-1/D/50-51

Copy of the foregoing is forwarded with compliments to the Chief Secretary to the Government of Bombay, Bombay for information with a request that instructions, if necessary, may kindly be issued to the Electricity Commissioner, Government of Bombay for furnishing the particulars in question urgently.

MEMBER-SECRETARY,
Central Malnad Planning Committee,
Bangalore.

MKR



99 5

2004/36

92424

Pl. Br (I).

P.W.D.

Please see letter, dt 6-11-50 from the Central Mahanadi Planning Committee to the Chief Engineer with the request that the draft may be sent up to the Chief Secy. The draft may be sent up, if approved

P1

P2

W/S 5-6

421

14/11/50

13

as amended - to include 1500 KW

14/13/11/50

D.S.

Secy

13/11

(8)

2004/36

92424

No 2004/36 E&C (I)

P.W.D.

B.C. (Bom no 1)

13th Nov 1950

To

The Member-Secy,
Central Malnad Planning Committee,
Ali Asker Rd, Civil station,
Bangalore.

Sub:— As on p. 1 ante.

Dear Sir

I am directed to refer to your endt no C.M.P.C.59/-1/D-50-51/ dtd 6.11.50, p 2 to the address of the chief secy in the Engg. on the above subject and

2004/136
92424

6 102

to state that instructions have been issued to the Elec. Commn with the S.F.B. to furnish with the req. particulars

Yours &c

D. A: - nil

Dy. Secy to Govt

Copy forwarded to the Elec. Commn with the S.F.B.

2. The Elec. Commn is requested to furnish urgently the ~~requisite~~ particulars req. by the Central Malaria Planning Committee in its letter no C.M.P.C. 59/D/50-51 dt 6.11.50 addressed to the Committee under intimation to Govt. Similar particulars about distribution of 1500 kW sets from Haridwar may also be furnished direct to the Committee.

Dy. No. 1(a) 10/11

Dy. No. 2 13/11

~~7~~ 187

No.2004/36-El.(I).

Public Works Department,
Bombay Castle (Bombay No.1),
13th November 1950.

From

The Deputy Secretary to the Government of Bombay,
Public Works Department.

To

The Member-Secretary,
Central Malnad Planning Committee,
Ali Asker Road, Civil Station,
Bangalore.

Subject:- Details of distribution of Electric Power to be supplied by Mysore in Hubli, Dharwar and North Kanara Districts.

Dear Sir,

I am directed to refer to your endorsement No.C.M.P.C.-59/-1/D-5051, dated the 6th November 1950, to the address of the Chief Secretary to the Government of Bombay, on the above subject, and to state that instructions have been issued to the Electrical Commissioner with the Government of Bombay to furnish you with the required particulars.

Yours faithfully,

Deputy Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

Con-

Copy forwarded to the Electrical Commissioner with the Government of Bombay.

2. The Electrical Commissioner is requested to furnish urgently the particulars required by the Central Malnad Planning Committee in its letter No.C.M.P.C.59/D/50-51, dated the 6th November 1950, to his address direct to the Committee under intimation to Government. Similar particulars about distribution of 1500 kW from Harihar may also be furnished direct.

3.
RKP
13-11-50.

IN DUPLICATE.

No.T.8/10/ 2-1520
Electric Grid Offices,
Mercantile Bank Building,
Fort, Bombay 1 : Dated 2e November,1950.

Shri J.B. Mallaradhya, M.A.,
Member-Secretary,
Central Malnad Planning Committee,
Ali Askar Road,
Civil Station, Bangalore.

Dear Sir,

Sub:- Distribution of Electric Power in Dharwar and North Kanara Districts.

Ref:- Your letter No.CMPC.59/D/50-51 dated 6-11-50.

The Jog-Karnatak Electric Grid Scheme undertaken by the Bombay State contemplates the distribution of 10,000 kW of electrical energy available at Mahatma Gandhi Power Station at Jog and 1500 kW available at Haribar (as per agreement with the Mysore Government) at the following places;-

Jog-Hubli Section.	Maximum Demand.
1. Sirsi (Industrial and domestic loads)	400 kW
2. Hanagal (Rural and agricultural loads)	500 "
3. Dandeli (Industrial loads)	4100 "
4. Hubli (Industrial and Domestic loads)	3600 "
5. Gadag (-do-)	850 "
6. Dharwar (-do-)	550 "
Total	9,900 "
Total diversified load	9,000 kW
Approximate demand at Jog	10,000 "

Haribar-Haveri Section.		
7. Ranibennur	(Industrial, Domestic, Rural and Agricultural loads)	650 kW
8. Byadgi	(-do-)	450 "
9. Haveri	(-do-)	370
Total		1,470 kW
Total Diversified load		1,350 kW
Approximate demand at Haribar		1,500 "

As requested by you, I enclose herewith two copies of drawing No.1/1951 which shows the routes of the proposed Transmission

System as well as the location of the substations.

Details regarding the distribution of power in Rural areas are not yet finalised.

Yours faithfully,

P B Advani.

Electrical Commissioner
with the Government of Bombay.

1/- Duplicate copy of the letter.
Encl:-2 drawings(No.J/241A).

✓Copy, forwarded with compliments, to the Secretary to Government, Public Works Department, Bombay, for information with reference to his endorsement to letter No.2004/36-M1(I) dated 13-11-50.

C/-
17/11/50.

~~15~~ 107 2004/36

94871

Fl. Br (I). P.W.D.

The Hon'ble Chief Minister's letter dt. 20.11.50, to the Central Planning Committee is enclosed for information with reference to G.L. No. 2004/36 Fl (I) dt. 13-11-50. Wts 11-13 Wts 7-8

Record.

25/11/50

25/11/50

D.S.

File

113

G. R. No. A—2616, dated 15-12-10.] P. W. D. 229 a.

No. of 19

DIVISION

Bombay Electric Grid

PUBLIC WORKS DEPARTMENT:

Dated 19.

FUND HEAD— Provincial.

MAJOR HEAD— 81. 1 Capital Outlay on Electricity Scheme

MINOR HEAD—

SERVICE HEAD— Jog-Karnatak Electric Grid Scheme

DEPARTMENTAL HEAD— Survey of Transmission lines.

ESTIMATE framed by In the office of the Electrical Commissioner with the Govt. of Bombay.
Executive Engineer, of the probable expense

that will be incurred in Carrying out surveys in connection with the 110 KV., 33 KV., 11 kV. Lines & Sub-stations for the Jog-Karnatak Electric Grid Scheme.

Rs 1,21,275

(Call or Authority.)

GENERAL DESCRIPTION

The accompanying estimates provide for the expenditure on Surveys in connection with 110 KV, 33 KV, 11 KV lines and Various substations for the Jog-Karnatak Electric Grid Scheme

Ab' 1

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p	Per.	Amount. Rs.
	Jog-Karnatak Electric Grid Scheme. Estimate for carrying out surveys in connection with the 110 KV., 33 KV., & 11 KV., lines & sub-stations for the Jog-Karnatak Electric Grid Scheme.					
1).	Survey of 110 KV. Trans. Lines.					77,748/-
2).	-- Do -- 33 KV. -- Do --					12,800/-
3).	-- Do -- 11 KV. -- Do --					4,025/-
4).	Information regarding jungles clearing and compensation.					13,000/-
5).	Survey of Sub-station sites.					475/-
6).	Trial pits.					16,215/-
7).	Bench marks.					1600/-
8).	Pegs (grouted in concrete)					2,944/-
9).	Work-Charged Establishment.					2,250/-
		Total Rs.				1,06,447/-
	Add contingencies @ 5%					5,322/-
	Grand total.					1,11,769/-
	or say					Rs. 1,11,775/-
	Overhead & supervision charges @ 8½%					9 500
	Prepared by. Shri Soni. Sr. Draftsman.					
	Checked by Shri Doshi. J.E.(Civil).					Rs. 1,21,269/-
						or say Rs. 1,21,275/-

Dated 16 - 6 - 1950

Asst. Engineer.

16.6.50

Subdl. Executive Engineer.

16/6/50

Electric Grid Division, Nuddiwad.

DFS.14/6/

2094/36/10424

P.W.Deptt.

El.Br.(I).

Eesubmitted.

2. The subject 'Management of the Industrial Housing Scheme' has been transferred to the Labour and Housing Deptt. This case may therefore be transferred to that Deptt. after u.o.r.

Id.B.D.P.
30-3-50.

Thro. W.B.

Id. P.G.J.
7-4-50.

U.O.to Labour and Housing Deptt.,dated 10-4-50.

Labour & Housing Deptt.
F.Br.

The proposed transfer may be accepted.

Id.
18-4-50.

Id.S.R.D.
18-4-50.

U.O.R.to P.W.D.,dated 19/20-4-50.

P.W.Deptt.

El.Br.(I).

Submitted with ref.to o.n.dated the 7-4-50 above.

The draft put up may issue,if approved.

Id.
25-4-50.

Id.P.G.J.
6-5-50.

BKR.8/5/40.

~~103~~ III
3 2094/36/31503

Below, file No 2094/36 containing correspondence beginning with letter No 1HS/El./351 P3 of the 1-4-47 from the Director D.D Chawls and ending with Labour & Housing Deptt O.N. P 101 of the 20-4-50 : regarding the provisions of electric lights in the D.D Chawls.

P.W.D.
B/C Bombay no 1
8 April 1950.
~~18~~ May

NO: 2094/36-El(I)

Transferred to Labour and Housing Deptt accordingly

15/4/50

By. order of the G of B.

MSR
VLM
9/5

ISSUED
DATED 18/5/50

Asst Secy to the G. of B.

5/4

21/5

P. W. D. 291 e.
Estimate Abstract.

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs	dec.
	Jog-Kaval [illegible] Scheme for carrying out [illegible] 110 KV., 33 KV., 11 KV. [illegible] Jog-Kavalvad 27 ctr. [illegible] line.						
	(I) Survey of 110 KV. [illegible]						
80 Miles.	(1) Through thick forest [illegible] to Kavalvad and from Kavalvad to [illegible].	700	-	-	One Mile.	56,000	
12. "	(2) [illegible] Kavalvad-Mulji section.	400	-	-	"	4,800	
18. "	(3) Through open country along the [illegible]	211	-	-	"	3,[illegible]	
	(II) Survey of 33 kv. Transmission Lines. Total				Rs.	77,718	
37 Miles.	(1) Through [illegible] to Jog	200	-	-	One Mile.	7,400	
27 "	(2) Through open country from Haribar to Byadgi	"				5,400	
	Total				Rs.	12,8[illegible]/-	
	(III) Survey of 11 KV. Transmission Lines.						
12 Miles.	(1) Through open country from Haribar to Dharwar.	175	-	-	Mile.	2100	
11 "	(2) [illegible] to [illegible]	175	-	-	"	[illegible]	
		Total Rs.				4025	

G. P. S. P. Poona, 1948

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	dec.
	(IV)Information regarding Jungle clearing and compensation.						
99 Miles	(1). Through forest country from Jog to Kavalvad & Kavalvad to Dandelli	10	-	-	Mile	999	
12 "	(2)Through semi forest country along the Kavalvad Hubli section.	10	-	-	"	120	
99 "	(3)Through open country along the Kavalvad Hubli section,from Hubli to Gadag,from Haveihar to Byadgi,from Hubli to Dharwar & from Byadgi to Haveri.	20	-	-	"	1980	
		Total			Rs.	3090/	
	(V) Survey of Sub-Station sites.						
7 acres.	(1)In forest country at Sirsi,Kavalvad, & Dandelli.	25	-	-	acre.	175	
20 acre	(2)In open country at Hubli, Gadag,Dharwar,Harihar,Ranebennur, Byadgi and Haveri.	15	-	-	acre	300	
		Total			Rs.	475	

P. W. D. 231 e
Estimate Abstract.

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount Rs	dec.
	(VI) TRIAL Pits.						
8	Nos. (1) Trial pits near [illegible]	20	-	-	pit	160	✓
3	Nos. (2) Trial pits in [illegible] Jog & Kuvál, & [illegible] (& trial pit [illegible])	20	-	-	"	300	✓
4	Nos. (3) Trial pits in [illegible] 110 ft.	20	-	-	"	80	
4	" (4) Trial pits [illegible] 110 ft.	20	-	-	"	80	
22	" (5) Trial pit [illegible] Trial pits [illegible] Overt.	15	-	-	"	495	
10	" (6) Trial pits for Sub-station.	20	-	-	"	200	
		Total Rs.				1615	

G. P. Z. P. Poona, 1948

ABSTRACT

Quantity.		Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	dec.
		(VII) Bench Marks..						
41	Nos.	(1) In forest country.	25	-	-	P.M.	1025	
4	"	(2). In semi forest country.	20	-	-	"	80	
33	"	(3) In open country.	15	-	-	"	495	
			Total			Rs.	1600	
		(VIII) Pegs (grouped in cc cents)						
574	Nos.	(1) Pegs at every mile for 110 & 33 KV. lines.	6	-	-	No.	32	
			Total			Rs.	2,2[illegible]	
		(IX) [illegible]						
2	Nos.	(a) [illegible] Rs. 1[illegible]/- p.m.)	750	-	-	each	1500	
			666					
3	nos.	(b) Khalasis for a period of six months (@ Rs. 75/- p.m)	Total 450	-	-	Rs. "	28,[illegible]/- 1,350	
			Total Rs.				2,850	

7 119

G. R. No. A—2646, dated 15-12-10. P. W. D. 329

No. - of 19

DIVISION

Bombay Electric Grid.

PUBLIC WORKS DEPARTMENT:

Dated 19

FUND HEAD— Provincial.

MAJOR HEAD— 81-A. Capital Outlay on Electricity Scheme.

MINOR HEAD—

SERVICE HEAD— Jog-Karnatak Electric Grid Scheme.

DEPARTMENTAL HEAD—

ESTIMATE framed by In the office of the Electrical Commission with the Government of Bombay.

Executive Engineer, of the probable expense

that will be incurred in Providing Special tools & plants required for the Jog-Karnatak Electric Grid Scheme.

Rs. ~~6,850~~ 6,800/-

(Call or Authority.)

GENERAL DESCRIPTION

This estimate provides for the tools & plants & scientific as well as mathematical instruments required for the work in question. Provision under tools & plants includes two gauntlets which are considered necessary for the execution of this work.

T.15/E/

ABSTRACT

Qu: y.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	deo.
	Bombay Electric Grid Jog-Karnatak Electric Grid Scheme.						
	Estimate for Tools & Plants.						
	(1) Sub-Estimate for tools & plants					~~1500~~ 1544	
	(2) Do for scientific & Mathematical instruments.					~~4000~~ 4722	
	Grand total.				Rs.	~~6400~~ 6266	
	Overhead charges - 8%					~~512~~ 533	
	Prepared by Shri Bond.Dr.Drafts.man					~~6912~~ 6799	
	Checked by Shri Lohi. J.F.(Civil)				on pay Rs.	~~6850~~ 6800	

Executive Engineer(Civil)
Electric Grid Division Nadi
~~Nadiad.~~

16.6.50
Asst. Engineer:

Date 16 - 6 - 1950

16-6-50
Subdt.
~~Executive~~ Engineer.

G. P. Z. P. Poona, 1948

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	dec.
and	Detailed abstract estimate for tools and plants for Jog-Kar[illegible] Electric Grid Scheme.						
6	1)Axes felling T.t. cube-2 lbs.with handles.	5	-	+	each	30	
4	2)[illegible] 1"to 1½" dia. 5' long.	6	4	-	"	25	
8	3)Hand [illegible] 1½" dia. with handles.	2	8	-	"	16-	8-
4	4)Sledge hammers,ball pein.English [illegible] 6 lbs. with handles.	7	8		"	30	
6	5) Axes-small 2 lb. each.	5	-	-	"	30	
3	6)Hand [illegible] - 24" long(W.C.I.)	15	8	-	"	46	8
6	7) H[illegible] Cutters.	4	4		"	29	4
100	lbs.8)Rope 1"dia.preferably manila	1	4		lb.	125	-
6	9)Picks with T.ta rak .	2	12		each	16	8
6	10)Handles for above picks axes	-	15	-	"	5	10
14	11)Spade No.4 "Jhapa rake".	1	4		"	5	
4	12)Handles for the above spades.	-	12		"	3	
4	13)Shovels 15" or top x24	3	-	-	"	12	
6	14)Masons trowels -9"	3	4	-	"	19	
6	15)Buckets G.I.26 gauge 12½" dia.	3	8	-	"	21	-
4	16)Country [illegible] cutters (Dao) with handles.	10	-	-	"	40	
14	17)Powder hammers 1'-0"dia . (1'-0" long with handles,made out of B.bol wood.	4	-	-	"	16	
2	18)[illegible]ti tents.	350	-	-	"	700	
		Total Rs.				1170-	1
	Packing & transport charges.	6				300	
						1470	
	Add contingencies 5%					73	
		Total Rs.			→	1544	-
	Add U.C. Extra charges @ 2%						
	Grand total						

Executive Engineer(Civil)
Electric Grid Division Nadiad.

P. W. D. 231 a
(Estimate Abstract)

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount Rs	dec.

P. W. D. 231 a.
[Estimate, Abstract.

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount Rs.	dec.
	Jog Karnataka Electric Grid Scheme.						
	Estimate for Civil & Mathematical	Total					
1	No. 1) Theodolite with stand	1250	-	-	each	1250	-
1	No. 2) Level with stand	650	-	-	each	650	-
2	No. 3) Steel levelling staff 14'-0" long.	50	-	-	each	100	-
1	No. 4) Compass with stand	150	-	-	each	150	-
1	No. 5) Steel tape 100 ft. 14'-0"	40	-	-	each	40	-
1	No. 6) Chain 66 ft.	20	-	-	each	20	-
	No. 7) Measuring tape 100 ft.	150	-	-	each	150	-
4	No. 8) Plane table with stand	25	-	-	each	100	-
1	No. 9) Telescopic alidade.	70	-	-	each	70	-
1	No. 10) Box sextant	20	-	-	each	20	-
18	No. 11) Ranging rods 10'-0"	10	-	-	each	180	-
1	No. 12) Set squares	150	-	-	set	150	-
6	No. 13) Reflecting prism with sprit levels.	10	-	-	each	60	-
2	No. 14) Boards drawing "D" "E" size.	30	-	-	each	60	-
2	No. 15) Instrument box II class.	60	-	-	each	120	-
Four	No. 16) Cross-staff.	5	-	-	pair	10	-
2	No. 17) Prismatic compass	5	-	-	each	10	-
1	No. 18) Hand level	50	-	-	each	50	-
		7.0.				[illegible]	-

G. P. Z P. Poona, 1948

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	dec.
					B.R.	2,122	-
1	No. 19) Panelled [illegible]	40	-	-	[illegible]	40	-
1	No. 20) Flush [illegible]	30	-	-	[illegible]	30	-
2	20 [illegible] 2) [illegible] (teak-wood) 1½"						
	200= Sq.	25	-	-	Sq.	50	-
1	No. 22) [illegible]	3	-	-	[illegible]	3	-
	23) [illegible]					500	-
-	24) [illegible]					100	
	-	Total			Rs.	1,201	-
	[illegible]					[illegible]	
-	-						
	[illegible]	Total			Rs.	1,172	-
	[illegible]						
	[illegible]						
	[illegible]						
	Passed by Divisional [illegible]						
	Checked by [illegible]						
-	— — J.E. (Civil) 2/1/50.						
	[illegible]						

G. R. No. A—2646, dated 15-12-10.] P. W. D. 229 a.

No. of 19

DIVISION

Bombay Electric Grid

PUBLIC WORKS DEPARTMENT:

Dated

FUND HEAD— Provincial.

MAJOR HEAD— 81 A, Capital Outlay on Electricity Schemes.

MINOR HEAD—

SERVICE HEAD— Jog Karnatak Electric Grid Scheme.

DEPARTMENTAL HEAD—

ESTIMATE framed by in the office of the Electrical Commissioner with the Govt. of Bombay.
~~Executive Engineer, Govt. of Bombay.~~ of the probable expense that will be incurred in providing and maintaining transport equipment for the survey in connection with Jog-Karnatak Electric Grid Scheme.

Rs 13,400.

(Call or Authority.)

GENERAL DESCRIPTION

The accompanying estimate provides for purchasing a ; and trailer and maintaining the same for a period of one year in order to facilitate the survey in connection with Jog-Karnatak Electric Grid Scheme.

H 125

ABSTRACT

Quantity.	Items.	Rate. Rs.	a.	p	Per.	Amount. Rs.
	Jog-Karnatak Electric Grid Scheme.					
	Jeep and trailer ½ ton.					8000
	Maintenance of trans port equipment					1600
	Transport equipment establishment.					2160
						11,760
	Contingencies 5%					588
						12,348 ✓
	.Overhead and supervision charges 8½%					1,050 ✓
	Total				✓	13,398
		or say			✓	~~13~~,400
	Prepared by Shri N.K.Bajaj,J.E.(Trans.)					
	Checked by Shri L.B.Dudhane,A.E.(Trans.)					

L.B.Dudhane 16.6.50
Asst. Engineer.

Dated 19

V.R.Vaidya 16-6-50
Supdt
~~Executive~~ Engineer.

G. P. Z. P. Poona, 1948

ABSTRACT

Quantity.		Items.	Rate. Rs.	a.	p.	Per.	Amount. Rs.	d
		Sub-estimate for transport equipment.						
1	No.	Jeep.	6500	-	-	no.	6500	
1	No.	Trailer ($\frac{1}{4}$ ton).	1500	-	-	"	1500	
		Total.					8000	
		Sub-estimate for maintenance of transport equipment.						
600	gallons.	Petrol for 1 year	2	4	-	gallon	1350	
10	"	Lubricating Oil.	6	-	-	"	60	
10		Minor overhaul and repairs.	190	-	-	L.S.	190	
		Total.					1600	
		Sub-estimate for transport equipment establishment.						
1	1	driver for 1 year.	110	-	-	month	1320	
	1	cleaner for 1 year.	70	-	-	"	840	
		Total.					2160	

4. 129

Letter.

T.8/E.4/13739
Electric Grid Offices,
Foreshore Road,
Bombay 1: June 1950.

To
The Secretary to Government,
Public Works Department,
Bombay.

Subject :- Jog Karnatak Electric Grid Scheme
Estimates for survey.

I submit herewith the following estimates for favour of administrative approval.

1. Carrying out surveys in connection with the 110 kV, 33 kV and 11 kV transmission lines.
2. Providing special tools and plant for the above work
3. Providing and maintaining transport equipment for the above work.

The Government have sanctioned this expenditure under their letter No.2004/36-El(I) dated 31-12-49.

Due to deficiency of higher technical staff, the other plans and estimates are not ready. However, as soon as the necessary staff is appointed, these will be prepared.

P B Advani
Electrical Commissioner
with the Govt.of Bombay.

Encl : 3 estimates.

ISB/14.6.

EI Bor L
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T. L.
2004/36
49254

~~17~~ 2004/36/49254.

17/1

El. Br. Es. P. W. D.

In G.L. No. 2004/36-El. Es, d. the 31-12-49, the El. Commr. has been authorised to accept the tender for the survey of transmission lines for Jog Karnataka Grid Scheme, at an estimated cost of Rs. 98,000/- In his letter within he now submits for approval, the 110+15 estimates for carrying out surveys of 110 KV, 33 KV and 11 KV trans. lines, for providing special tools & plant, for providing and maintaining transport equipment etc. in con. with the Jog Scheme. The estimates amount to Rs ~~1,21,475~~/- 1,41,475/- in the aggregate. If they are in order, necy. adm. approval may be accorded as per draft G.R. put up for approval, which may issue after nor. to the F. D.

Shri J. L 10/7/50

Thro' AB Es & DE Cs.

AB 8-7-50.

2. There is a budget provision of Rs. 10,00,000 for distribution of Jog Power in Hubli and Haveri areas in the current year's budget under "81-A-Capital outlay on Electricity schemes - P.W.R. & D.P." This is presumably a part of the Jog-Karnataka Scheme. The budget-

XS not FD.

provision

2004/36/49257

. provision has, however, been reduced to Rs. 7,30,000 due to the lumpsum ordered by Govt. The cost of the work will be debited to the above-noted provision. Necessary para has been added to the draft.
LD 1.07.50.

3.]- The estimate requires to be amended as per remarks ~~attached~~ hereafter. The Exl: Commr may be asked to comply with remarks no. (i) in the first instance.

DO 11/7/50. (a) In the estimate for T & P transport & packing charges are included. Also the cost is provided for @ 2%. The Exl: Cost is not necessary & the provision may be deleted.
Transport & packing charges are probably required for taking the tools & the instruments to the site of work. If so, these charges should be included in the Survey estimate. Otherwise the provision may be justified as the rates of various tools & instruments appear to be those prevailing at Bombay.

KJ 12/7/50

a/c S

M speak 14.07
9m

Secy to Elect Commr 14.7.50

SU 14/7

2760
(49)

ELECTRICAL COMMISSIONER WITH THE GOVERNMENT OF BOMBAY
Inward No. 20291
Date 14/7

1-2-3 2004/36/49254.

The Jog Karnatak El. Grid Scheme:
Estimates for survey.

Govt: of Bombay

P. W. D.

Resolution No. 2004/36.

B.E. (Bombay No. 1)

28 ~~August~~ ~~July~~ Oct. Nov. 1950.

G.L. No. 2004/36-El.(I), d. the 31-12-1949, addressed to the El. Commr. with the G. of B.

Letter No. T.8/E.4/13739, d. the 19-6-50, from the El. Commr. with the G. of B., cs. under :-

Memo. No. T8/E-4/17383 (Enter) dated the 28-7-50 from The El. commr. with the Govt. of Bombay, as under :- (Enter)

Resolution :- Govt. is pleased to accord adm. approval to the estimates, amounting to Rs. ~~1,81,275/-~~ 1,41,475/- in the aggregate, for the work of carrying out surveys in con. with the 110 KV., 33 KV. and 11 KV. trans. lines and Sub-stations for the Jog Karnatak El. Grid Scheme.

2. The cost of the work shd. be met from the reduced provision of Rs. 7,30,000 for distribution of Jog power in Hubli and Haveri areas, ~~to be included in the current year's budget~~ placed at the disposal of the El. Commr. with the G. of B. during the current year.

By order of the G. of B.

Dy. Secy. to Govt.

10

The F.D.

The A.G., Bombay, (thro' the F.D.)

The El. Commr. with the G. of B. ~~(with estimates)~~. 1-5

188
8-7-50.

2004/36/49254

1>4

provision has however been reduced to Rs. 7,30,000 due to lump cut ordered by Govt. The cost of the work in question will be debited to the above-noted provision.

Below Govt. P.W.D.,U.O.R. No.2004/36/49254 dated 14-7-1950.

****

ELECTRIC GRID DEPARTMENT.

The provision of Work Charged Establishment made in the Tools and Plant and Scientific & Mathematical Instruments estimate have now been deleted and the amount revised from Rs. 6950 to 6800, in the estimates re-submitted herewith.

The transport and packing charges included are meant to cover the transport of material purchased in Bombay to the Head quarters proposed for the Jog Project Division at Hubli and therefore it cannot be included in the survey estimate.

The estimates for the surveys submitted will aggregate to Rs. 1,41,475 and not Rs. 1,21,275 as mentioned in the u.o. note and the draft Government Resolution. The former amount is made up as follows:

(i) Estimate for carrying out surveys	Rs.	1,21,275
(ii) " " providing Tools and Plants and instruments.	Rs.	6,800
(iii) " " " and maintaining transport equipments.	Rs.	13,400
Total	Rs.	1,41,475

The Secretary to Govt.
Public Works Department,
Bombay.

U.O.No.T8/E4/ 17383
Bombay 1: 28 July 1950.

ISB/27.7.

137 2004/36/61378

El. Br. (I)

P. W. D.

Submitted with refee. to the notes on pp. 17-20 ante.

2. With refee. to para 3 on p. 21 ante, please see the El. Comm'rs. note within. The correction, pointed out in the last para of the El. Comm'rs. note, has been made in the proposed draft G.R. on p. 21 ante, which may now issue, if approved, after ref. to the F.D.

Thro' AB(II) and DE(I).

The estimates are in order & may be approved for Rs 141,475/-

8-8-50. 9/8/50

9/8

Fin Deptt 11.8.50

Finance Department, P.W.R.I

The orders proposed at p. 21 ante may be accepted, on the distinct understanding that (i) the expr. will be accommodated within the sanctioned grant of Rs 7,30,000 for "distribution of Jog Power in Hubli etc." in the current year, and that (ii) this forms a portion of the Jog Karnataka Scheme. No Addl. may however be required to confirm the above statements.

14.8.50. 16-8-50.

WR to the P.W.D. dt. 17-8-50

FI. DEPARTM
PWR I
11-8-50
36038

El/BI 218

P. W. 2004/36 68097

El. I

DE(5) DE(B)

Reminder.

No.T.8/E.4/ 19930
Electric Grid Offices,
Foreshore Road,
Bombay,1. 24th August, 1950.

To

The Deputy Secretary to Government,
Public Works Department,
Bombay.

Subject:-Jog-Karnatak Electric Grid Scheme
Estimates for Survey.

I invite reference to this office letter No.T.8/E.4/ 13739 dated 19th June 1950 on the subject noted above and ~~to~~ request you kindly to move Government to issue very early orders in the matter.

for Electrical Commissioner
with the Government of Bombay.

DPD.23/8/

El. Br. (I)

P. W. D.

Submitted with refce. to the O.N. dated the 8-8-50.

2. With refce. to the two points raised in the F.O. note within, it is stated that the survey work of the Jog Karnatak Scheme, refd. to in the El. comm's. letter on p. 1, ante, forms a part of the Jog Karnatak Scheme:

The El. comm. may be requested no. to state whether the estimated expenditure of Rs. 1,41,475 for the above survey work will be accommodated within the reduced grant of Rs. 7,30,000/- for "distribution of Jog Power in Hubli etc." in the current year. If not, he may be requested to state what additional amount will be reqd. for the Jog Scheme as a whole during the current year. ~~He may also be requested to state how much out of Rs 1,41,475 is expected to be spent during the current year for the Jog survey work.~~

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ASS
31-8-50.

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31/8

Secy Comm 1.9.50.

Below G.O.R... .D.No.2004/36/68097
and 69329 dated 1st September, 1950.

Electric Grid Offices.

Of the estimated expenditure of Rs. 1,41,475 for this survey work only about Rs. 50,000 will be required during the current year. The total estimated expenditure on the Hog Scheme during the current year will be about Rs.12•0 lakhs instead of Rs.7.3 lakhs as stated. However, the extra amount of about Rs.4.7 lakhs can be met from the grants at our disposal for some other schemes.

P734 :
- 22 9 50

The Secy.to Govt.,
P.W.D., Bombay.

G.O.R.No.18/3-4/ 22705
Bombay.1: 25 Sept.1950.

SDK/21.9.

2004/36

75551

P. W.D.

119

El. Br. (I)

Submitted with refer. to the
our. dated 31-8-50.

2. The draft at p. 21 ante may
issue after showing the notes within
to the Z.B. with refer. to its
note at p. 25 ante.

Thro A.B. (III)

7/10/50

13-X-50

Ky 7/10/50

D.S.

1 — Fin. Debit of Rs 10. Secy Cotton (10)

El I
26/9

2004/36

78551

El I

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+3145

No. T.8/E-4/ 26146
Electric Grid Offices,
Mercantile Bank Building,
Fort, Bombay 1: ~~Oct~~. 1950.

2-11

To

The Deputy Secretary to Government,
Public Works Department,
Bombay.

Sub : Jog-Karnatak Electric Grid Scheme-
Estimates for Survey -
Administrative approval of -

I invite reference to this office letter No. T.8/E-4/13739 dated the 19th June 1950 and the subsequent reminder dated the 24th August 1950 on the above subject and request you to move Government to issue very early orders in the matter

for Electrical Commissioner
With the Government of Bombay.

PSN/31.10.

El. Br. I
4.11

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5 1 /

Fin. Deptt. (Pg)

Subject. Ltr to this Deptt. note dt 17-8-50.

2. The P.W.D. has now stated that the work in question forms part of the Jog-Karnataka Scheme and that the expdr. in the present case can be accommodated within the sanctioned grant. In view of this, the orders proposed by the P.W.D. on page 21 ante may be accepted.

@ Rs. 7,30,000.

15/11/50.

7/11

Note to P.W.D. dt 7-11-50.

13/11

P.W.D.

Secl. Branch

Submitted.

2. The draft at p. 21 ante may issue.

15/11/50

Three A.S.(Fin.)

15/11/50

Sd. in charge of Secy of H.M.

Note rec'd.

16/11/50.

2004/36

92895

P.A.S.

2004/26
92895

F. W. D.

Kl. Pr (I)

Re Submitted.

2. The O.N. at p. 19-20 explains the case. The F.D. has agreed to this Deptt. proposal to accord administrative approval to the survey estimates as per draft put up at p. 21 ante. The draft may now issue.

16/11/50

16/11/50

17/11/50

D.S.
Secy
H.M., P.W.D. 21/11

The Jog Karnatak Electric Grid Scheme:
Estimates for survey.

Government of Bombay,
Public Works Department.
Resolution No. 2004/36.
Bombay Castle (Bombay No. 1),
28th November 1950.

Government Letter No. 2004/36-El(I), dated the 31st December 1949, addressed to the Electrical Commissioner with the Government of Bombay.

Letter No. T.8/E.4/13739, dated the 19th June 1950, from the Electrical Commissioner with the Government of Bombay, as under :-

"I submit herewith the following estimates for favour of administrative approval.

1. Carrying out surveys in connection with the 110 kV, 33 kV and 11 kV transmission lines.
2. Providing special tools and plant for the above work.
3. Providing and maintaining transport equipment for the above work.

The Government have sanctioned this expenditure under their letter No. 2004/36-El(I), dated 31st December 1949.

Due to deficiency of higher technical staff, the other plans and estimates are not ready. However, as soon as the necessary staff is appointed, these will be prepared."

Memorandum No. T8/E-4/17383, dated the 28th July 1950, from the Electrical Commissioner with the Government of Bombay, as under :-

"The provision of Work Charged Establishment made in the Tools and Plant and Scientific and Mathematical Instruments estimate have now been deleted and the amount revised from Rs.6,950 to 6,800, in the estimates re-submitted herewith.

The transport and packing charges included are meant to cover the transport of material purchased in Bombay to the Headquarters proposed for the Jog Project Division at Hubli and therefore it cannot be included in the survey estimate.

The estimates for the surveys submitted will aggregate to Rs.1,41,475 and not Rs.1,21,275 as mentioned in the unofficial note and the draft Government Resolution. The former amount is made up as follows :-

(i) Estimate for carrying out surveys.		Rs. 1,21,275
(ii) Estimate for providing Tools and Plants and instruments.	...	Rs. 6,800
(iii) Estimate for providing and maintaining transport equipment.	...	Rs. 13,400
	Total	Rs. 1,41,475

RESOLUTION.- Government is pleased to accord administrative approval to the estimates amounting to Rs.1,41,475/- in the aggregate, for the work of carrying out surveys in connection with the 110 kV., 33 kV. and 11 kV. transmission

lines.....

lines and Sub-Stations for the Jog Karnatak Electric Grid Scheme

2. The cost of the work should be met from the reduced provision of Rs.7,30,000 for distribution of Jog power in Hubli and Haveri areas placed at the disposal of the Electrical Commissioner with the Government of Bombay during the current year.

By order of the Governor of Bombay,

(K. V. Joglekar)
Deputy Secretary to Government.

G.R. No. 2004/36, P.W.D., dated the 28th November 1950.

To

The Finance Department.
The Electrical Commissioner with the Government of Bombay.
The Accountant General, Bombay (through the Finance Department

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No. of 1950.

Copy forwarded for information and guidance to -

Issued 1/12

KCJai
28-11-50.

Orders issued after consultation with Finance Department.

REMINDER III.
Letter.

No.T.8/E.4/ 27670
Electric Grid Offices,
Mercantile Bank Building,
Fort, Bombay 1 : Dated 21 November, 1950

To

The Deputy Secretary to Government,
Public Works Department,
Bombay.

Sub:- Jog-Karnatak Electric Grid Scheme -
Estimates for survey -
Administrative approval of -

Ref:- 1. Reminder No.T.8/E-4/19930 dated 24th August, 1950
2. " " T.8/E-4/26146 " 2nd November, "

I invite reference to this office letter No.T.8/E-4/13739 dated 19th June, 1950 and subsequent reminders noted above and request you kindly to move Government to issue very early orders in the matter.

for Electrical Commissioner
with the Government of Bombay.

C/-
17/11/50.

2004/26

95504.

P.W.D.

El. Br (I)

Submitted.

2. File No. 2004/26 XIV dealing with the subject has been referred back to the Elc. Commn on 2-12-50 for furnishing certain more details with in con. with the Jog-Karnatak Elec. Grid Scheme Q's Return may be awaited

El. Br (I) 22/11

AR 25/11/50

J.A.S.

P. W. D.
File No. 2004/26
Serial No. 9555

2004/36
95-501

P.W.D.

C.

GC./Br(I)

Resubmitted with refce. to the O.N. dated 5-12-50.

2. Necy. orders have been issued in the G.C. at p. 37-38 ante

Record.

1/12/51

1/12/51.

G.M.S

T.G